#### **SPOILER PRIMER**

#### **SAFETY DATA SHEET**

according to Regulation (EU) 2015/830



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VERSION: 3.0

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.

#### 1.1. **Product identifier**

Trade name Spoiler Primer

**Product code** Ford Internal Ref.: 113214

**SDS Number** 7655

Product use Professional use

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses Primer

Uses advised against No additional information available.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Distributor

Ford-Werke GmbH Ford Motor Company Ltd. Edsel-Ford-Str. 2-14 Parts Distribution Centre 50769 Cologne Royal Oak Way South

NN11 8NT Daventry, Northants Germany

exposure, Category 3, Narcosis

+49 221 90-33333 United Kingdom +44 1327 305 198 sdseu@ford.com

#### Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH - 24/7)

#### 2. **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008

| Physical hazards | Flammable liquids, Category 2  | H225 | Highly flammable liquid and vapour.  |
|------------------|--|------|--|
| Health hazards   | Skin corrosion/irritation, Category 2  | H315 | Causes skin irritation.  |
|                  | Serious eye damage/eye irritation,<br>Category 2   | H319 | Causes serious eye irritation.   |
|                  | Respiratory sensitisation, Category 1  | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
|                  | Skin sensitisation, Category 1   | H317 | May cause an allergic skin reaction.                                       |
|                  | Carcinogenicity, Category 2  | H351 | Suspected of causing cancer.   |
|                  | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation | H335 | May cause respiratory irritation.  |
|                  | Specific target organ toxicity — Single  | H336 | May cause drowsiness or dizziness.   |

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word Danger

Contains ethyl acetate; butanone; Hydrocarbons, C9, aromatics; 4,4'-methylenediphenyl

diisocyanate; diphenylmethandiisocyanate, isomers and homologues

**Hazard statements** 

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

**Precautionary statements** 

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear eye protection, face protection, protective gloves.

P284 [In case of inadequate ventilation] wear respiratory protection.

Response

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
P370+P378 In case of fire: Use dry sand, extinguishing powder, alcohol resistant foam to extinguish.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII. This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

#### 3. SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

| Chemical name | CAS- No<br>EC- No<br>Index No<br>RRN | %         | Classification<br>according to<br>Regulation (EC) No.<br>1272/2008 | Notes |
|---------------|--------------------------------------|-----------|--|-------|
| butanone      | 78-93-3                              | 55 - < 65 | Flam. Liq. 2, H225   |       |
|               | 201-159-0                            |           | Eye Irrit. 2, H319   |       |
|               | 606-002-00-3                         |           | STOT SE 3, H336  |       |
|               | 01-2119457290-43-<br>XXXX            |           |  |       |
| ethyl acetate | 141-78-6                             | 5 - < 15  | Flam. Liq. 2, H225   |       |
|               | 205-500-4                            |           | Eye Irrit. 2, H319   |       |
|               | 607-022-00-5                         |           | STOT SE 3, H336  |       |
|               | 01-2119475103-46-<br>XXXX            |           |  |       |

| Chemical name   | CAS- No<br>EC- No<br>Index No<br>RRN                               | %           | Classification<br>according to<br>Regulation (EC) No.<br>1272/2008  | Notes   |
|---|--|-------------|---|---|
| diphenylmethandiisocyana<br>te, isomers and<br>homologues | 9016-87-9<br>618-498-9   | 5 - < 10    | Acute Tox. 4 (Inhalation),<br>H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317<br>Carc. 2, H351<br>STOT SE 3, H335<br>STOT RE 2, H373 | (C >= 0.1) Resp. Sens.<br>1, H334<br>(C >= 5) Eye Irrit. 2,<br>H319<br>(C >= 5) Skin Irrit. 2,<br>H315<br>(C >= 5) STOT SE 3,<br>H335<br>(Note 2)(Note C) |
| 4,4'-methylenediphenyl diisocyanate                       | 101-68-8<br>202-966-0<br>615-005-00-9<br>01-2119457014-47-<br>XXXX | 1-<5        | Acute Tox. 4 (Inhalation),<br>H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Resp. Sens. 1, H334<br>Skin Sens. 1, H317<br>Carc. 2, H351<br>STOT SE 3, H335<br>STOT RE 2, H373 | (C >= 0.1) Resp. Sens.<br>1, H334<br>(C >= 5) Eye Irrit. 2,<br>H319<br>(C >= 5) Skin Irrit. 2,<br>H315<br>(C >= 5) STOT SE 3,<br>H335<br>(Note C)(Note 2) |
| Hydrocarbons, C9, aromatics                               | 918-668-5<br>01-2119455851-35-<br>XXXX                             | 0.1 - < 2.5 | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411  |   |

Note 2 : The concentration of isocyanate stated is the percentage by weight of the free monomer calculated with reference to the total weight of the mixture.

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Full text of H-statements: see section 16

#### 4. SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information IF exposed or concerned: Get medical advice/attention. Call a poison center or a

doctor if you feel unwell.

Inhalation Remove person to fresh air and keep comfortable for breathing. Call a poison

center or a doctor if you feel unwell.

Skin contact Rinse skin with water/shower. Remove/Take off immediately all contaminated

clothing. If skin irritation or rash occurs: Get medical advice/attention.

Eyes contact Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

**Ingestion** Call a poison center or a doctor if you feel unwell.

## 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/effects** May cause drowsiness or dizziness.

Symptoms/effects after inhalation May cause respiratory irritation. May cause allergy or asthma symptoms or

breathing difficulties if inhaled.

Symptoms/effects after skin contact Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact Eye irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### 5. SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media Water spray. Dry powder. Foam. Carbon dioxide.

**Unsuitable extinguishing media**Do not use water jet as an extinguisher, as this will spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard Highly flammable liquid and vapour.

Hazardous combustion products Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-

contained breathing apparatus. Complete protective clothing.

#### 6. SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid

breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further

information refer to section 8: "Exposure controls/personal protection".

**6.2. Environmental precautions** Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Large Spills: Stop leak if safe to do so. Absorb remaining liquid with sand or inert

absorbent and remove to safe place. Flush residue with large amounts of water. Small spills: Wipe up with absorbent material (for example cloth). Clean surface

thoroughly to remove residual contamination.

**Other information** Dispose of materials or solid residues at an authorized site.

**6.4.** Reference to other sections For further information refer to section 13.

## 7. SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

**Hygiene measures** Wash contaminated clothing before reuse. Contaminated work clothing should

not be allowed out of the workplace. Do not eat, drink or smoke when using this

product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures Ground/bond container and receiving equipment.

Keep container tightly closed. Store locked up. Protect from moisture. Store in a dry, cool and well-ventilated place. Storage conditions

Storage temperature 5 - 25 °C

7.3. Specific end use(s) No additional information available.

#### 8. **SECTION 8: Exposure controls/personal protection**

#### 8.1. **Control parameters**

EU

| Regulation     | Substance                                       | Туре         | Value   |
|----------------|---|--------------|---|
| COMMISSION     | ethyl acetate (141-78-6)                        | IOELV TWA    | 734 mg/m³   |
| DIRECTIVE (EU) | Ethyl acetate                                   | IOELV TWA    | 200 ppm   |
| 2017/164       |   | IOELV STEL   | 1468 mg/m³  |
|                |   | IOELV STEL   | 400 ppm   |
| COMMISSION     | butanone (78-93-3)                              | IOELV TWA    | 600 mg/m³   |
| DIRECTIVE      | Butanone  | IOELV TWA    | 200 ppm   |
| 2000/39/EC     |   | IOELV STEL   | 900 mg/m³   |
|                |   | IOELV STEL   | 300 ppm   |
| United Kingdom |   |              |   |
| Regulation     | Substance                                       | Туре         | Value   |
| EH40. HSE      | ethyl acetate (141-78-6)                        | WEL TWA      | 200 ppm   |
|                | Ethyl acetate                                   | WEL STEL     | 400 ppm   |
|                | butanone (78-93-3)<br>Butan-2-one (methyl ethyl | WEL TWA      | 600 mg/m³   |
|                |   | WEL TWA      | 200 ppm   |
|                | ketone)   | WEL STEL     | 899 mg/m³   |
|                |   | WEL STEL     | 300 ppm   |
|                |   | Remark (WEL) | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity), BMGV (Biological monitoring guidance values are listed in Table 2) |

#### **DNEL: Derived no effect level**

| Components               | Туре     | Route      | Value                     | Form                         |
|--------------------------|----------|------------|---------------------------|------------------------------|
|                          |          |            |                           |                              |
| ethyl acetate (141-78-6) | Worker   | Inhalation | 1468 mg/m³                | Acute - systemic effects     |
|                          |          | Inhalation | 1468 mg/m³                | Acute - local effects        |
|                          |          | Dermal     | 63 mg/kg bodyweight/day   | Long-term - systemic effects |
|                          |          | Inhalation | 734 mg/m³                 | Long-term - systemic effects |
|                          |          | Inhalation | 734 mg/m³                 | Long-term - local effects    |
|                          | Consumer | Inhalation | 734 mg/m³                 | Acute - systemic effects     |
|                          |          | Inhalation | 734 mg/m³                 | Acute - local effects        |
|                          |          | Oral       | 4.5 mg/kg bodyweight/day  | Long-term - systemic effects |
|                          |          | Inhalation | 367 mg/m³                 | Long-term - systemic effects |
|                          |          | Dermal     | 37 mg/kg bodyweight/day   | Long-term - systemic effects |
|                          |          | Inhalation | 367 mg/m³                 | Long-term - local effects    |
| butanone (78-93-3)       | Worker   | Dermal     | 1161 mg/kg bodyweight/day | Long-term - systemic effects |
|                          |          | Inhalation | 600 mg/m <sup>3</sup>     | Long-term - systemic effects |
|                          | Consumer | Oral       | 31 mg/kg bodyweight/day   | Long-term - systemic effects |
|                          |          | Inhalation | 106 mg/m³                 | Long-term - systemic effects |
|                          |          | Dermal     | 412 mg/kg bodyweight/day  | Long-term - systemic effects |

| Hydrocarbons, C9, aromatics                       | Worker<br>Consumer | Dermal<br>Inhalation<br>Oral<br>Inhalation<br>Dermal                                | 25 mg/kg bodyweight/day<br>150 mg/m³<br>11 mg/kg bodyweight/day<br>32 mg/m³<br>11 mg/kg bodyweight/day                      | Long-term - systemic effects<br>Long-term - systemic effects<br>Long-term - systemic effects<br>Long-term - systemic effects<br>Long-term - systemic effects |
|---|--------------------|---|---|--|
| 4,4'-methylenediphenyl<br>diisocyanate (101-68-8) | Worker<br>Consumer | Inhalation<br>Inhalation<br>Inhalation<br>Inhalation                                | 0.1 mg/m³<br>0.05 mg/m³<br>0.05 mg/m³<br>0.025 mg/m³  | Acute - local effects Long-term - local effects Acute - local effects Long-term - local effects  |
| PNEC: Predicted no effect                         | t concentration    |   | · ·   | · ·  |
| Components  | Туре               | Route   | Value   | Form   |
| ethyl acetate (141-78-6)                          | Not applicable.    | Freshwater<br>Seawater<br>Freshwater<br>sediment<br>sediment<br>Soil<br>Oral<br>STP | 0.24 mg/l<br>0.024 mg/l<br>1.65 mg/l<br>1.15 mg/kg dwt<br>0.115 mg/kg dwt<br>0.148 mg/kg dwt<br>200 mg/kg food<br>650 mg/l  | Intermittent release<br>Freshwater<br>Seawater<br>Secondary Poisoning  |
| butanone (78-93-3)                                | Not applicable.    | Freshwater<br>Seawater<br>Freshwater<br>sediment<br>sediment<br>Soil<br>Oral<br>STP | 55.8 mg/l<br>55.8 mg/l<br>55.8 mg/l<br>284.74 mg/kg dwt<br>284.7 mg/kg dwt<br>22.5 mg/kg dwt<br>1000 mg/kg food<br>709 mg/l | Intermittent release Freshwater Seawater Secondary Poisoning   |
| 4,4'-methylenediphenyl<br>diisocyanate (101-68-8) | Not applicable.    | Freshwater<br>Seawater<br>Freshwater<br>Soil<br>STP                                 | 1 mg/l<br>0.1 mg/l<br>10 mg/l<br>1 mg/kg dwt<br>1 mg/l  | Intermittent release   |
| Exposure controls                                 |                    |   |   |  |

#### 8.2. **Exposure controls**

Appropriate engineering controls Ensure good ventilation of the work station.

Materials for protective clothing No additional information available. Individual protection measures, such as personal protective equipment (PPE)

Eye protection Safety glasses.

Skin protection

Hand protection The protective gloves to be used must comply with the specification of EU

directive 89/686/EC and the resultant standard EN374. The above given information is based on laboratory test in line with EN374. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions,

can reduce the protective effect provided by the recommended glove.

| Material     | Permeation        | Thickness (mm) | Comments  |
|--------------|-------------------|----------------|---|
| Butyl rubber | 240 - 479 minutes | 0.7            | Glove recommendation: Butoject® 898 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product. |

In case of splash 10 - 29 minutes 0.4 Glove recommendation: Camatril Velours® 730 (Kächele-

contact: Nitrile rubber

(NBR)

Cama GmbH, source of supply see www.kcl.de) or

comparable product.

Other protective measures No additional information available.

Respiratory protection Wear respiratory protection

Thermal hazard protection No additional information available.

Environmental exposure controls Avoid release to the environment.

#### 9. SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state Liquid Black. Colour Odour Characteristic. Odour threshold No data available. No data available. No data available. Relative evaporation rate (butylacetate=1) **Melting point** Not applicable. Freezing point No data available. **Boiling point** 79.5 °C (760 mmHg) Flash point -8 °C (closed cup) No data available. Auto-ignition temperature **Decomposition temperature** No data available. Flammability (solid, gas) Not applicable. Vapour pressure No data available. No data available. Relative vapour density at 20 °C

Relative density 0.91

Solubility
No data available.
Log Pow
No data available.
Viscosity, kinematic
No data available.
Viscosity, dynamic
No data available.
Explosive properties
No data available.
Oxidising properties
No data available.
Explosive limits
No data available.

9.2. Other information

**VOC (EU)** 704.34 g/l

#### 10. SECTION 10: Stability and reactivity

**10.1.** Reactivity Highly flammable liquid and vapour.

**10.2.** Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use.

**10.4.** Conditions to avoid Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all

sources of ignition.

**10.5.** Incompatible materials Acids. alcohols. Amines. Bases. Strong oxidizing agent.

## 11. SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

Mixture

| Name   | Method     | Туре | Exposure route   | Value    | Unit    | Species                      | Remarks            |  |  |
|--|------------|------|--|----------|---------|------------------------------|--------------------|--|--|
| Spoiler Primer                                 |            | ATE  | Inhalation   | > 20     | mg/l/4h |                              | (calculated value) |  |  |
| Substance                                      |            |      |  |          |         |                              |                    |  |  |
| Name   | Method     | Type | Exposure route   | Value    | Unit    | Species                      | Remarks            |  |  |
| 4,4'-methylenediphenyl diisocyanate (101-68-8) |            | LC50 | Inhalation   | 2.24     | mg/l    | rat                          | 1h                 |  |  |
| Skin corrosion/irritation                      | n          | (    | Causes skin irritation.  |          |         |                              |                    |  |  |
| Serious eye damage/irr                         | ritation   | (    | Causes serious eye irritation.   |          |         |                              |                    |  |  |
| Respiratory or skin sen                        | sitisation |      | May cause allergy or asthma symptoms or breathing difficulties if inhaled cause an allergic skin reaction. |          |         | difficulties if inhaled. May |                    |  |  |
| Germ cell mutagenicity                         | ,          | I    | Based on available data, the classification criteria are not met.  |          |         |                              |                    |  |  |
| Carcinogenicity                                |            | ;    | Suspected of causin  | g cancer |         |                              |                    |  |  |
| Reproductive toxicity                          |            | ı    | Not classified   |          |         |                              |                    |  |  |
| STOT-single exposure                           |            | I    | May cause respiratory irritation. May cause drowsiness or dizziness.                                       |          |         |                              |                    |  |  |
| STOT-repeated exposure                         |            | I    | Based on available data, the classification criteria are not met.  |          |         |                              |                    |  |  |

#### 12. SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general The product is not considered harmful to aquatic organisms nor to cause long-

term adverse effects in the environment.

Based on available data, the classification criteria are not met.

Acute aquatic toxicity

**Aspiration hazard** 

| Substance / Product         | Trophic level | Species                                       | Type  | Value        | Duration | Remarks |  |
|-----------------------------|---------------|---|-------|--------------|----------|---------|--|
| Hydrocarbons, C9, aromatics | Fish          | Oncorhync<br>hus mykiss<br>(Rainbow<br>trout) |       | 9.22<br>mg/l | 96 h     |         |  |
|                             | crustacea     | Mysidopsis<br>bahia                           | LC50  | 2 mg/l       | 96 h     |         |  |
|                             | algae         | Pseudokirc<br>hnerella<br>subcapitat<br>a     | ErC50 | 2.9 mg/l     | 72 h     |         |  |

#### 12.2. Persistence and degradability

No additional information available.

## 12.3. Bioaccumulative potential

No additional information available.

## 12.4. Mobility in soil

No additional information available.

## 12.5. Results of PBT and vPvB assessment

#### **Spoiler Primer**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

#### 12.6. Other adverse effects

No additional information available.

## 13. SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting

instructions.

Additional information Flammable vapours may accumulate in the container.

European List of Waste (LoW) code

08 05 01\* waste isocyanates

15 01 10\* packaging containing residues of or contaminated by

dangerous substances

## 14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

| UN-No. (ADR)  | 1139 |
|---------------|------|
| UN-No. (IMDG) | 1139 |
| UN-No. (IATA) | 1139 |
| UN-No. (ADN)  | 1139 |
| UN-No. (RID)  | 1139 |

#### 14.2. UN proper shipping name

| Proper Shipping Name (ADR)  | COATING SOLUTION |
|-----------------------------|------------------|
| Proper Shipping Name (IMDG) | COATING SOLUTION |
| Proper Shipping Name (IATA) | Coating solution |
| Proper Shipping Name (ADN)  | COATING SOLUTION |
| Proper Shipping Name (RID)  | COATING SOLUTION |

#### 14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) 3
Danger labels (ADR) 3

IMDG

Transport hazard class(es) (IMDG) 3
Danger labels (IMDG) 3

IATA

Transport hazard class(es) (IATA) 3
Hazard labels (IATA) 3

ADN

Transport hazard class(es) (ADN) 3
Danger labels (ADN) 3

RID

Transport hazard class(es) (RID) 3
Danger labels (RID) 3

### 14.4. Packing group

Packing group (ADR)

9/13

Packing group (IMDG) || Packing group (IATA) || Packing group (ADN) || Packing group (RID) ||

#### 14.5. Environmental hazards

Dangerous for the environmentNoMarine pollutantNo

Other information No supplementary information available.

E2

3L

#### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) F1
Special provisions (ADR) 640D
Limited quantities (ADR) 5

Packing instructions (ADR) P001, IBC02, R001

Hazard identification number (Kemler No.) 33
Tunnel restriction code (ADR) D/E

#### Transport by sea

Limited quantities (IMDG) 5 L
Packing instructions (IMDG) P001
EmS-No. (Fire) F-E
EmS-No. (Spillage) S-E
Stowage category (IMDG) B

#### Air transport

PCA Limited quantities (IATA)

PCA limited quantity max net quantity
(IATA)

PCA packing instructions (IATA)

PCA max net quantity (IATA)

CAO packing instructions (IATA)

CAO max net quantity (IATA)

Special provisions (IATA)

A3

#### Inland waterway transport

ERG code (IATA)

PCA Excepted quantities (IATA)

Classification code (ADN) F1
Special provisions (ADN) 640D
Limited quantities (ADN) 5 L

#### Rail transport

Classification code (RID)F1Special provisions (RID)640DLimited quantities (RID)5L

Packing instructions (RID) P001, IBC02, R001

Hazard identification number (RID) 33

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

## 15. SECTION 15: Regulatory information

# 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU-Regulations

#### The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

| The following reculousies are applicable a   | descraing to Almex Atm of the REMOT Regulation (E.S) No 1007/2000  |
|--|--|
| ethyl acetate - butanone   | 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008   |
| Spoiler Primer - ethyl acetate - butanone  | 3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F  |
| Spoiler Primer - ethyl acetate - butanone - diphenylmethandiisocyanate, isomers and homologues | 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10   |
| ethyl acetate - butanone   | 40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |
| 4,4'-methylenediphenyl diisocyanate  | 56(a) Methylenediphenyl diisocyanate (MDI) isomers: 4,4'-Methylenediphenyl diisocyanate  |
| 4,4'-methylenediphenyl diisocyanate  | 56. Methylenediphenyl diisocyanate (MDI)   |
| Contains no substance on the REACH candid  | date list  |

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

**VOC (EU)** 704.34 g/l

Seveso Information P5c FLAMMABLE LIQUIDS

Flammable liquids, Categories 2 or 3 not covered by P5a and P5b

**National regulations** 

No additional information available.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### 16. SECTION 16: Other information

#### Abbreviations and acronyms

| ADN  | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. |  |  |
|------|--|--|--|
| ADR  | European Agreement concerning the International Carriage of Dangerous Goods by Road.             |  |  |
| ATE  | Acute Toxicity Estimate.   |  |  |
| BCF  | Bioconcentration factor.   |  |  |
| CAO  | Cargo Aircraft only.   |  |  |
| CLP  | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.                     |  |  |
| DMEL | Derived Minimal Effect level.  |  |  |
| DNEL | Derived-No Effect Level.   |  |  |
| EC50 | Median effective concentration.  |  |  |
| IARC | International Agency for Research on Cancer.   |  |  |
| IATA | International Air Transport Association.   |  |  |
| IMDG | International Maritime Dangerous Goods.  |  |  |
| LC50 | Median lethal concentration.   |  |  |

LD50 Median lethal dose.

LOAEL Lowest Observed Adverse Effect Level.

NOAEC No-Observed Adverse Effect Concentration.

NOAEL No-Observed Adverse Effect Level.

NOEC No-Observed Effect Concentration.

OECD Organisation for Economic Co-operation and Development.

OEL Occupational Exposure Limit.

PBT Persistent Bioaccumulative Toxic.

PCA PASSENGER AND CARGO AIRCRAFT.
PNEC Predicted No-Effect Concentration.

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No

1907/2006.

RID Regulations concerning the International Carriage of Dangerous Goods by Rail.

RRN REACH Registration Number.

SDS Safety Data Sheet.

STP Sewage treatment plant.

TLM Median Tolerance Limit.

vPvB Very Persistent and Very Bioaccumulative.

#### Full text of H- and EUH-statements

Acute Tox. 4 (Inhalation) Acute toxicity (inhal.), Category 4.

Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2.

Asp. Tox. 1 Aspiration hazard, Category 1.

Carc. 2 Carcinogenicity, Category 2.

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2.

Flam. Liq. 2
Flammable liquids, Category 2.
Flam. Liq. 3
Flammable liquids, Category 3.
Resp. Sens. 1
Respiratory sensitisation, Category 1.
Skin Irrit. 2
Skin corrosion/irritation, Category 2.
Skin Sens. 1
Skin sensitisation, Category 1.

STOT RE 2 Specific target organ toxicity — Repeated exposure, Category 2.

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation.

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Narcosis.

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

# Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

| Flam. Liq. 2  | H225 | On basis of test data |
|---------------|------|-----------------------|
| Skin Irrit. 2 | H315 | Calculation method    |
| Eye Irrit. 2  | H319 | Calculation method    |
| Resp. Sens. 1 | H334 | Calculation method    |
| Skin Sens. 1  | H317 | Calculation method    |
| Carc. 2       | H351 | Calculation method    |
| STOT SE 3     | H335 | Calculation method    |
| STOT SE 3     | H336 | Calculation method    |
|               |      |                       |

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

## **Attachment to the Safety Data Sheet**



**Product Name:** Spoiler Primer Page: 113214 Print Date: 03.05.2017 Ford Int. Ref. No.:

**Involved Products:** 

Part number **Container Size:** Finiscode 30 ml

1. 1 205 699 A93SX 19L532 CA

Part of Kit:

1 219 837 2U7J M2G376 AA Spoiler Adhesive Kit – 2 Component

Spoiler Adhesive Kit – 2 Component D2-100 2 176 271 HU7J M2G376 AA